

Title (en)

Ink, ink set, ink cartridge, recording unit, image recording process and image recording apparatus

Title (de)

Tinte, Tintenset, Tintenbehälter, Aufzeichnungseinheit, Bildaufzeichnungsverfahren und Bildaufzeichnungsgerät

Title (fr)

Encre, réservoir d'encre, assortiment d'encre, unité d'enregistrement, procédé d'enregistrement de l'image et appareil d'enregistrement de l'image

Publication

**EP 0940453 A1 19990908 (EN)**

Application

**EP 99104177 A 19990302**

Priority

JP 5051098 A 19980303

Abstract (en)

The invention provides an ink comprising a water-soluble coloring material and bis(hydroxyethyl) sulfone in an aqueous medium and having a pH of from 9.5 to 12. The ink permits stable formation of high-quality images on a wide variety of recording media, and has excellent ejection stability, ejection durability and storage stability. <IMAGE>

IPC 1-7

**C09D 11/00**

IPC 8 full level

**C09D 11/00** (2006.01)

CPC (source: EP US)

**C09D 11/38** (2013.01 - EP US); **C12N 2531/00** (2013.01 - EP US)

Citation (search report)

- [A] EP 0769536 A2 19970423 - CANON KK [JP]
- [A] US 5540764 A 19960730 - HARUTA MASAHIRO [JP], et al
- [A] EP 0602914 A1 19940622 - XEROX CORP [US]

Cited by

EP2103660A3; US8025722B2

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

**EP 0940453 A1 19990908; EP 0940453 B1 20040602**; DE 69917696 D1 20040708; DE 69917696 T2 20050707; US 6412936 B1 20020702

DOCDB simple family (application)

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